**Objectives**:

1. Demonstrate your knowledge of each of the following:

* Particle Theory of Matter
* Temperature
* Heat Transfer (Conduction, Convection, Radiation)
* Effects of material type on heat transfer

**Products**:

1. Research notes and sources posted on class website (50%)
2. Communication plan (90 seconds Internet Ad or a Power Point) (50%)
3. Journal Response (Not marked)

**Timeline**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Introduction  Research and pick a product | Materials?  Why?  Color?  Design? | Materials?  Why?  Color?  Design? | Cost?  Buy?  Make?  Where?  Design? | **No School** |
| **No School** | Communication Plan  (CP)  Script or \_\_\_\_\_\_\_\_. | CP | CP | Finish & Hand In |

**Research**:

Key words:

Possible product keywords:

Thermos

Sleeping bag

Tent

Coat

Wet suit

Solar stove

Greenhouse

Etc.

Science keywords:

Conduction

Convection

Radiation

Perspiration

Heat

Temperatur

Moisture

Ventilation

My products is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_